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SC12752TP

OCT 06 2005



## **FAX TRANSMITTAL SHEET**

Freescale Semiconductor, Inc.

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Telephone: (512) 996-6839 Facsimile: (512) 996-6854

15 Number of Pages (including this page)

Date:

October 6, 2005

To:

Laura M. Schillinger - 2813

Location:

United States Patent and Trademark Office

Fax No.:

571-273-8300

From:

Michael J. Balconi-Lamica- 34,291

Subject:

10/687,271-Olubunmi O. Adetutu et al.

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#### **MESSAGE:**

Enclosed herewith, please find an INFORMATION DISCLOSURE STATEMENT for filing in the below-identified application. If Applicant has overlooked any fees, or if any overpayment has been made, the Commissioner is hereby authorized to credit or debit Deposit 503079, Freescale Semiconductor, Inc.

## ALL ITEMS MARKED WITH AN "X" ARE INCLUDED:

1.	x 1	page Facsimile Cover Sheet	
2.	x 3	page Information Disclosure Statement	=
3.	X 2	page Form PTO/SB/08 with References BG-BK	 

Paid by Deposit Account: 503079, Freescale Semiconductor, Inc. \$0

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS
BEING FACSIMILE TRANSMITTED TO THE PATENT AND TRADEMARK OFFICE:

ON: <u>/o.6.05</u>

Signatur

# RECEIVED CENTRAL FAX CENTER

OCT 06 2005

SC12752TP

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/687,271 Examiner: Laura M. Schillinger Dockel No.: SC12752TP Title: MULTI-LAYER DIELECTRIC CONTAINING DIFFUSION BARRIER MATERIAL  Certificate of Transmission under 37 CFR 1.8    Interpretation of Patents   Proceedings of the Proceding System Containing C			111 1114 OHITED OTTO	THE TOP OF THE PERSON OF THE P	
Certificate of Yransmission under 37 CFR 1.8    heavy certly that this correspondence is being leasands presented to the Patent and Trademan Circle.	Applica Date Fi	tion No.:	10/687,271 October 16, 2003	Examiner: Docket No.:	Laura M. Schillinger SC12752TP
INFORMATION DISCLOSURE STATEMENT (IDS)  Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450  Signature In accordance with 37 C.F.R. §1.56 and in compliance with 37 C.F.R. §§1.97 and 1.98, the references listed on attached Form PTO/S8/08 and/or subsequently identified herein, are being submitted herewith for consideration by the United States Patent and Trademark Office.  I. COPIES  A legible copy of (i) each foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which are listed on PTO/S8/08 which are not enclosed herewith were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filling date under 35 U.S.C. §120:  U.S. Serial Number  U.S. Filling Date  II. CONCISE EXPLANATION OF THE RELEVANCE (check at least one box) are in the English language (concise explanation not required).  b. A concise explanation of the relevance of all patents, publications or other information listed that is not in the English language is as follows: An English abstract is provided for the Examiner's consideration:  III. CROSS REFERENCE TO RELATED APPLICATION(S)	litte:		MULTI-LAYER DIELECTRIC CON	ITAINING DIFFUSION BA	ARRIER MATERIAL
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The Evaminer is artificed that the following co-panding application(s) contain(s) subject matter that may be related to	III. 🔲				
the present application. By bringing this (these) applications to the Examiner's attention, Applicant(s) does(do) not		The Example the present	miner is advised that the following co-pen	ding application(s) conta	in(s) subject matter that may be related to

Art Unit

Filing Date

waive the confidentiality provisions of 35 U.S.C. §122.

Serial No.

SC12752TP

### **FEES**

IV. 🔯	THIS ID	S IS BEING FILED UNDER 37 C.F.R. §1.97(b): (check one box)
	a. [	within three months of the filing date of a national application other than a continued prosecution application
	. —	under § 1.53(d) (37 C.F.R. §1.97(b)(1)). No fee or statement is required.
	b. 🔲	within three months of the date of entry of the national stage as set forth in § 1.491 in an international
	c. 🔀	application (37 C.F.R. §1.97(b)(2)). No fee or statement is required.
	C.	before the mailing date of a first Office Action on the merits (37 C.F.R. §1.97(b)(3)). No fee or statement is required.
	d.□	before the mailing date of a first Office Action after the filing of a request for continued examination under §
	٠.ـــ	1.114 (37 C.F.R. § 1.97(b)(4)). No fee or statement is required.
٧. 🗆		S IS BEING FILED UNDER 37 C.F.R. §1.97(c): (check one box)
		ne mailing date of any of a Final Office Action under 37 C.F.R. §1.113, a Notice of Allowance under 37 C.F.R.
	• —	or an action that otherwise closes prosecution in the application (See 37 C.F.R. §1.97(c)).
	a.	No statement; therefore, charge Deposit Account 503079 the fee set forth in 37 C.F.R. §1.17(p).
	b. 🔲	See the statement below. No fee is required.
VI. 🗀	THIS ID:	S IS BEING FILED UNDER 37 C.F.R. §1.97(d):
٧ 🗀		fore payment of the issue fee and is accompanied by the following:
	1)	a statement under 37 C.F.A. §1.97(e) as provided below; and
	2)	charge Deposit Account 503079 the petition fee set forth in §1.17(p).
VII. 🔲	STATEM	MENT UNDER 37 C.F.R. §1.97(e) (check only one box, if applicable)
		ersigned hereby states that
	a. 🔲	each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a
	b. 🔲	counterpart foreign application not more than three months prior to the filing of IDS; or no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a
	٠.ـــا	counterpart foreign application, and to knowledge of the person signing the statement after making
		reasonable inquiry, no item of information contained in the IDS was known to any individual designated in 37
		C.F.R. 1.56(c) more than three months prior to the filing of this statement, or
	c. 🔲	some of the items of information contained in the IDS were cited in a communication from a foreign Patent
		Office. As to this information, the undersigned states that each item of information contained in the IDS was
		cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three
		months prior to the filing of this IDS. As to the remaining information, the undersigned hereby states that no
		item of this remaining information contained in the IDS was cited in a communication from a foreign Patent
		Office in a counterpart foreign application or, to the knowledge of the person signing the statement after
		making reasonable inquiry, no item of information contained in the IDS was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filling of this statement.
		according of the state more than thee morals profits the little and state more
VIII.	PAYMEN	NT OF FEES
		A check in the amount of is enclosed for the above-identified fee(s).
		Please charge Deposit Account No. 503079, Freescale Semiconductor, Inc. in the amount of \$180.00 for
	_	the above-indicated fee(s).
	$\boxtimes$	If Applicant has overlooked any additional fees, or if any overpayment has been made, the Commissioner is
		hereby authorized to credit or debit Deposit Account 503079, Freescale Semiconductor, Inc.
		Two Copies of this paper are attached for Deposit Account charges and debits.
	The above	ve references are being cited only in the interests of candor and without any admission that they constitute
statutory		or contain malter which anticipates the invention or which would render the same obvious, either singly or in a

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combination, to a person of ordinary skill in the art.

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If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filled under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 503079, Freescale Semiconductor, Inc.

Respectfully submitted, Olubunmi O. Adetutu et al.

Michael J. Balconi-Lamica Attorney for Applicant(s)

Reg. No. 34,291 Tel. 512-996-3839

FREESCALE SEMICONDUCTOR, INC. Customer Number 23125

**Enclosures:** 

PTO/SB/08

References BG-BK

Other:

next communication to applicant.

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Substitute for form 1449A/PTO				Complete If Known			
		*		Application Number	10/687,271		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date	October 16, 2003		
				First Named Inventor	Olubunmi O. Adetutu et al.		
				Group Art Unit	2813		
(use as many sheets as necessary)				Examiner Name	Laura M. Schillinger		
Sheet	1	of	1	Attorney Docket Number	SC12752TP		

F	T 63 - N -			U. S. PATENT DOCUMENTS		
Examiner Initials*	Cite No.	U.S. Patent Number	Document Kind Code <sup>2</sup> (If known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	BA	5,308,601		Hampden-Smith et al.	05/03/1994	
	BB	5,972,804		Tobin et al.	10/26/1999	
	BC BC	6,350,643	Bl	Hintermaier et al.	02/26/2002	
	BD	6,486,080	B2	Chooi et al.	11/26/2002	
	BE	6,500,735	B2	Ususa	12/31/2002	
	BF	6,544,900	B2	Raaijmakers et al.	04/08/2003	· · · · · · · · · · · · · · · · · · ·
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	BG	JP	63-23635		Masanobu	10/01/1988		
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	Considered	
EXAMINER: Initial II reference considered, whether or not	dation is in conformance with MPEP 609. Draw line through citation, if not i	In conformance and not considered. Include copy of this form with

<sup>1</sup> Unique citation designation number. <sup>2</sup> See Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>3</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 If possible. <sup>4</sup> Applicant is to place a check mark here if English Language Translation le attached.

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X Please type a plus sign (+) inside this box. Substitute for form 1449A/PTO Complete if Known 10/887,271 Application Number **INFORMATION DISCLOSURE** October 16, 2003 Filing Date STATEMENT BY APPLICANT First Named Inventor Olubunmi O. Adetutu et el. Group Art Unit Laura M. Schillinger (use as many sheets as necessary) Examiner Name of Attorney Docket Number SC12752TP

Examiner	Cite No.	OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS	T
Initials"	Cité NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	'
	ВН	Bycong-Ok Cho et al., "Tuning the Electrical Properties of Zirconium Oxide Thin Films," Applied Physics Letters, February 11, 2002, Vol. 80, No. 6, pp. 1052-1054.	
	ВІ	A. L. P. Rotondaro, et al., "Advanced CMOS Transistors with a Novel HfSiON Gate Dielectric," 2002 Symposium on VLSI Technology Digest of Technical Papers, Section 15.2.	
	ВЈ	Yuji Saito, et al., "Advantage of Radical Oxidation for Improving Reliability of Ultra-Thin Gate Oxide," 2002 Symposium on VLSI Technology Digest of Technical Papers.	
	BK	M. Togo, et al., "Low-Leakage and Highly-Reliable 1.5 nm SiON Gate-Dielectric Using Radical Oxynitridation for Sub-0.1 μm CMOS," 2000 Symposium on VLSI Technology Digest of Technical Papers.	

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I Examiner	I Date I
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EXAMINER: Initial if a	eference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation, if not in conformance and not considered, thouse copy of this form with
next communication to	andicat.

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